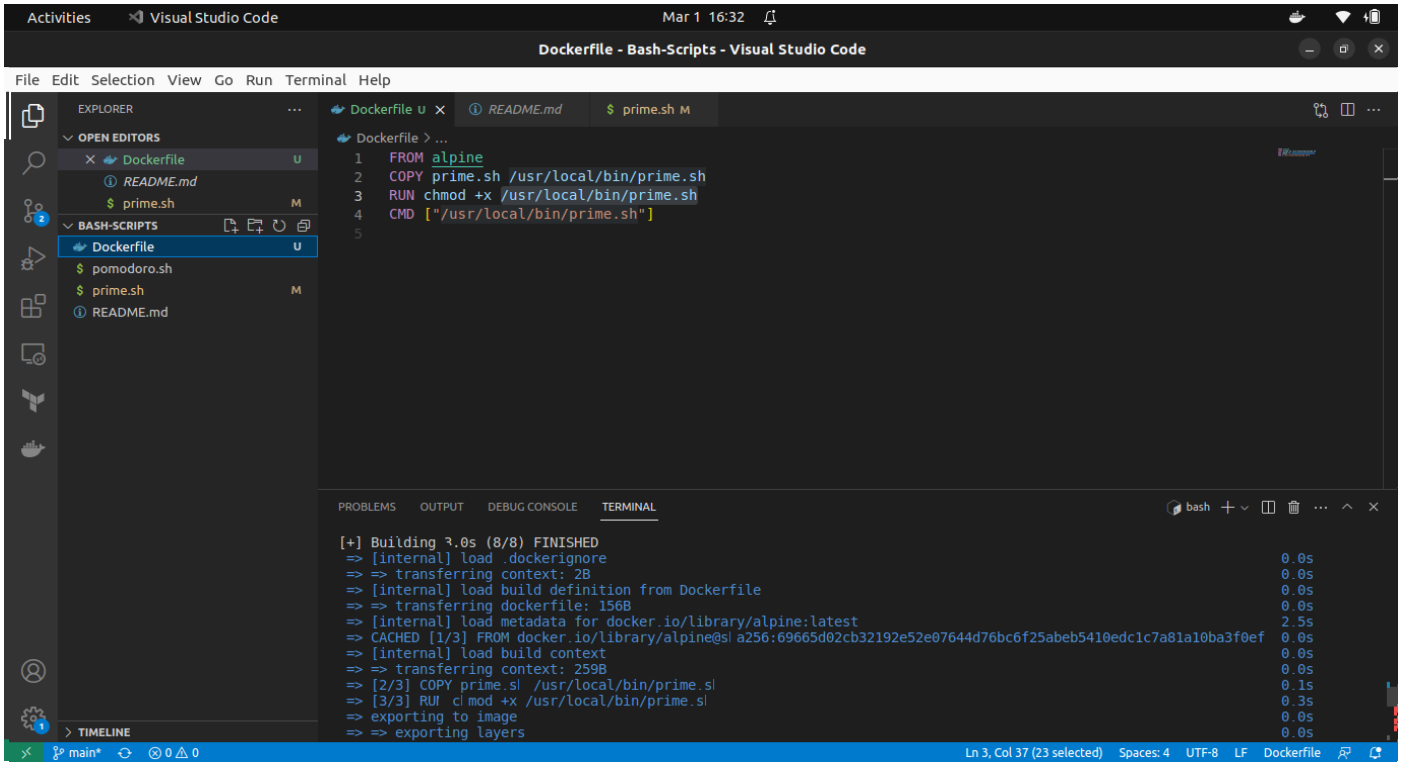


# ASSIGNMENT – 09

## CREATE A CONTAINER FOR SHELL SCRIPT

Created a dockerfile and docker image

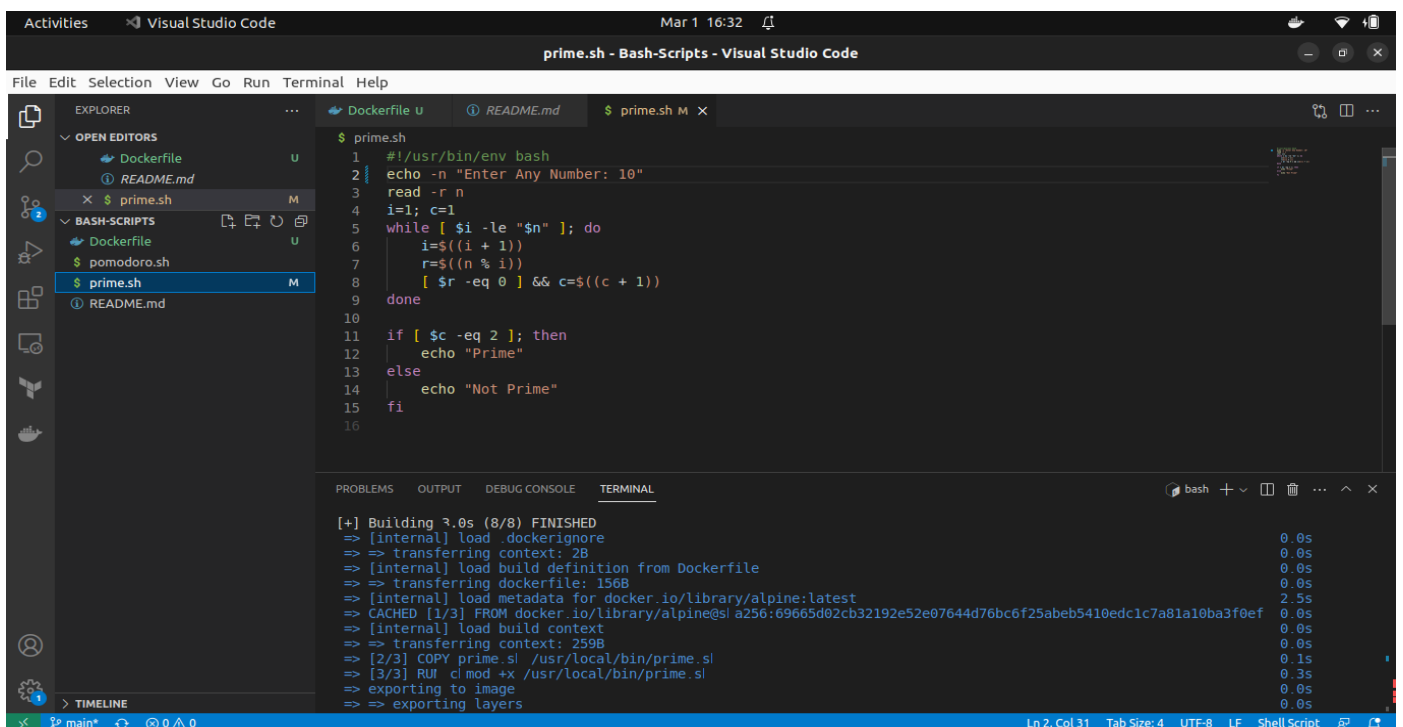


The screenshot shows the Visual Studio Code interface with the Dockerfile editor open. The Dockerfile contains the following content:

```
1 FROM alpine
2 COPY prime.sh /usr/local/bin/prime.sh
3 RUN chmod +x /usr/local/bin/prime.sh
4 CMD ["/usr/local/bin/prime.sh"]
5
```

The terminal output shows the build process:

```
[+] Building 3.0s (8/8) FINISHED
=> [internal] load .dockerignore
=> => transferring context: 2B 0.0s
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 156B 0.0s
=> [internal] load metadata for docker.io/library/alpine:latest 2.5s
=> CACHED [1/3] FROM docker.io/library/alpine@sl a256:69665d02cb32192e52e07644d76bc6f25abeb5410edc1c7a81a10ba3f0ef 0.0s
=> [internal] load build context
=> => transferring context: 259B 0.0s
=> [2/3] COPY prime.sl /usr/local/bin/prime.sl 0.1s
=> [3/3] RUN chmod +x /usr/local/bin/prime.sl 0.3s
=> exporting to image 0.0s
=> => exporting layers 0.0s
```



The screenshot shows the Visual Studio Code interface with the prime.sh script editor open. The script contains the following content:

```
1 #!/usr/bin/env bash
2 echo -n "Enter Any Number: 10"
3 read -r n
4 i=1; c=1
5 while [ $i -le "$n" ]; do
6     i=$((i + 1))
7     r=$((n % i))
8     [ $r -eq 0 ] && c=$((c + 1))
9 done
10
11 if [ $c -eq 2 ]; then
12     echo "Prime"
13 else
14     echo "Not Prime"
15 fi
16
```

The terminal output shows the build process:

```
[+] Building 3.0s (8/8) FINISHED
=> [internal] load .dockerignore
=> => transferring context: 2B 0.0s
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 156B 0.0s
=> [internal] load metadata for docker.io/library/alpine:latest 2.5s
=> CACHED [1/3] FROM docker.io/library/alpine@sl a256:69665d02cb32192e52e07644d76bc6f25abeb5410edc1c7a81a10ba3f0ef 0.0s
=> [internal] load build context
=> => transferring context: 259B 0.0s
=> [2/3] COPY prime.sl /usr/local/bin/prime.sl 0.1s
=> [3/3] RUN chmod +x /usr/local/bin/prime.sl 0.3s
=> exporting to image 0.0s
=> => exporting layers 0.0s
```